

ideapad S145-15IIL 81W800BHIX

Product

ideapad S145-15IIL

Region

WE

Country/Region

Italy

Machine Type

81W8

Processor

Intel Core i7-1065G7 (4C / 8T, 1.3 / 3.9GHz, 8MB)

Graphics

Integrated Intel Iris Plus Graphics

Chipset

Intel SoC Platform

Memory

4GB Soldered DDR4-2666 + 4GB SO-DIMM DDR4-2666

Storage

512GB SSD M.2 2280 PCIe NVMe

Display

15.6" FHD (1920x1080) TN 220nits Anti-glare

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

None

WLAN + Bluetooth

11ac, 1x1 + BT5.0

Case Material

PC / ABS

Camera

0.3MP

Microphone

Mono

Color

Platinum Grey, IMR

Keyboard

Non-backlit, Italian

Fingerprint Reader

None

TPM

FW TPM 2.0

Battery

Integrated 30Wh

Power Adapter

65W Round Tip

Operating System

Windows 10 Home 64, English / Italian

Bundled Software

Office Trial

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

194632671100

End of Support

2026-01-12

Announce Date

2019-12-12



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

ideapad S145-15iIL Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor								Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.1 Gen 1, 4-in-1 media reader (MMC, SD, SDHC, SDXC), HDMI 1.4b, AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		
	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics		
	i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB		Intel Iris® Plus Graphics		
	i5-1035G4			1.1 GHz	3.7 GHz					
i7-1065G7			1.3 GHz	3.9 GHz	8MB					
Graphics	Intel UHD Graphics or Intel Iris Plus Graphics in processor; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 4096x2160@24Hz (HDMI)								Camera	0.3MP, fixed focus, integrated monaural microphone
Chipset	Intel SoC (System on Chip) platform								Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, monaural microphone, headphone / microphone combo jack
Memory	12GB max / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket								Keyboard	6-row, multimedia Fn keys, numeric keypad
Display	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio								Touchpad	Buttonless Mylar surface multi-touch touchpad
Multi-touch	None								Security	Power-on password, hard disk password, supervisor password
Storage	<i>Up to 2 drives (one HDD and one M.2 SSD):</i> <ul style="list-style-type: none">HDD / SATA 6.0Gb/s, 2.5" wide, 7mm highM.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2)M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4								Security chip	Firmware TPM 2.0 integrated in chipset
Optical	None								Fingerprint reader	None
Ethernet	None								Battery	Integrated Li-ion 30Wh or 35Wh battery
WLAN	802.11ac 1x1 Wi-Fi + Bluetooth 5.0, M.2 Card								Max battery life	<i>MobileMark® 2014:</i> 5.5 hr (30Wh) or 6 hr (35Wh) <i>* Battery life varies significantly with settings, usage, & other factors</i>
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								AC adapter	65W round tip AC adapter
Dimensions	WxDxH: 14.26" x 9.9" x 0.78"; 362.2mm x 251.5mm x 19.9mm								Preload (optional) <i>Preloaded operating system</i> <ul style="list-style-type: none">Windows® 10 Home 64Windows 10 Home in S modeWindows 10 Pro 64 <i>Preloaded applications (only some listed)</i> <ul style="list-style-type: none">Microsoft Office 365 PersonalMicrosoft Office 365 HomeMicrosoft Office Home and Student 2019Microsoft Office Home and Business 2019Microsoft Office Trial (with 30-day license)Microsoft Office Professional 2019Microsoft Office Personal 2019	
Weight	Starting at 4.1 lb / 1.85 kg								Limited warranty	<i>One of the following, configurable by model:</i> <ul style="list-style-type: none">1-year depot repair service1-year/2-yr system board depot repair service2-year/1-yr battery depot repair service
Case color	Granite black IMR, granite black texture, dark orchid IMR or platinum grey IMR								Environment	ErP lot3; RoHS-compliant
Case material	PC/ABS plastic									

Note: The specifications above may not be available in all regions.

Lenovo
March 2020

Lenovo™

ideapad S145-15III

